

occurs at the direction of the ENGINEER, payment will be made at the bid unit price for such item or in a lump sum as agreed to by both parties.

10. PROPERTY OWNER CONSIDERATION

(Revised 7-2013)

Authority to enter and reclaim private property is obtained by written consent of the owner and is pursuant to Title IV of the Surface Mining Control and Reclamation Act of 1977, 30 U.S.C. 1231, and KRS 350.150. The COMMONWEALTH, in complying with these provisions, does not obtain title or rights to any property within the project area. All rights to property and existing materials within the project area will therefore remain the property of the owner.

Materials having a salvage value (coal, oil, gas, precious metals, timber, topsoil, etc.) shall remain the property of the owner. Salvageable material (excluding coal, refuse, & other mineral resources) rejected by the owner shall become the responsibility of the CONTRACTOR to dispose of in a proper manner subject to the approval of the ENGINEER.

During the construction process it may happen that property monuments or property fence may be disturbed. Prior to disturbance, the CONTRACTOR shall give DAML at least 2-week notice to allow DAML to reference said monument(s). If the CONTRACTOR disturbs the monument(s) without providing a 2-week notice to DAML, then the CONTRACTOR shall be responsible for having the monuments reestablished by a Professional Land Surveyor licensed/registered in the Commonwealth of Kentucky at the CONTRACTOR's expense. DAML referenced monuments will be reestablished after construction; however, DAML will not certify the monuments as an official property corner.

11. ALTERNATIVE / EQUIVALENT PRODUCTS & MATERIALS

The use of alternative/equivalent products, materials, and systems shall be approved in writing by the DAML design engineer in conjunction with the DAML construction oversight engineer prior to ordering or using the product/materials. The CONTRACTOR must submit a written request to use alternative/equivalent products, materials, and systems along with all certifications, testing results, specifications, and any other information required by DAML. The ENGINEER may require additional testing. Such testing shall be paid for by the CONTRACTOR. In certain instances the ENGINEER may require the CONTRACTOR to guarantee the product for a period of time to be stated in writing and incorporated into the contract. DAML will provide written approval or disapproval.

The use of alternative products, materials, systems may require alterations to the design plans by a professional engineer (licensed & registered in Kentucky) employed by the product supplier or CONTRACTOR. These revised plans shall be reviewed and approved by the ENGINEER.

12. BLASTING RESTRICTIONS

No blasting shall be permitted without prior approval. In the event blasting is proposed the CONTRACTOR shall prepare documentation outlining the blasting plan and requesting approval. The request must be made and approved prior to any blasting.

13. COAL REMOVAL

No coal, refuse, or other mineral resources shall be removed from either the project area or from the construction & waste areas in conjunction with this contract.

14. PRE-BID CONFERENCE

A Pre-Bid Conference will be held as specified by the bid documents. The Pre-Bid Conference should be attended by representatives of the COMMONWEALTH (i.e. representatives of AML) and Contractors interested in bidding on the Project. **No individual site visits by the Contractor(s) or representatives of the COMMONWEALTH shall be held.**

15. METHOD OF BIDDING

The Bidder must use the bidding documents furnished by the COMMONWEALTH. All data and other information requested must be supplied. The bidder must submit unit price bids on all items contained on the Bid Schedule, regardless of whether the individual items of work are to be let by "Unit Price", "Lump Sum", "Actual Cost", or "Plan Quantities".

The submission of a bid will be construed as evidence that a site visit and examination have been made, that the bidder is thoroughly familiar with, understands, and agrees to all terms and intents of the Contract Documents, and that any conflicts within the documents or between the documents and other written instructions or verbal statements have been resolved to the satisfaction of the bidder. Claims for labor, equipment, materials, or other costs required due to difficulties which could have been foreseen had an adequate examination of the site been made, the Contract Documents read thoroughly and clarification sought will not be recognized.

16. AWARD OF CONTRACT

Award of Contract will be made as determined by the Finance and Administration Cabinet. The unit prices will control the extensions and totals. Any obvious case of unbalanced bidding will be considered sufficient grounds for rejection of the entire bid. The COMMONWEALTH reserves the right to reject any and all bids if it is deemed to be in the best interest of the COMMONWEALTH.

17. PRE-CONSTRUCTION CONFERENCE

Following the signing of the Contract Documents and prior to the actual beginning of the construction, a pre-construction conference will be held. Representatives of the DAML, the CONTRACTOR, including any SUBCONTRACTORS, the Finance and Administration Cabinet, as well as other interested agencies and parties may be present to discuss the time and sequence for construction, methods and plans of operations, payment and other relevant questions. The time and locations of this meeting will be the responsibility of the DAML in consultation with the other parties.

CONCRETE BLOCK - INTERLOCKING MAT

1. SCOPE

The work shall consist of furnishing and installing interlocking cellular concrete blocks where shown on the Drawings or as otherwise directed by the ENGINEER. Block style must be pre-approved by the ENGINEER prior to being brought to the site.

2. MATERIALS

2.1. Concrete: Shall be Class A concrete conforming to the "Concrete" technical specification.

2.2. Cellular Concrete Blocks: The cellular concrete blocks shall be interlocking components dimensioned within a 16 inch module. Each component shall lock into the minimum of three adjacent components in a manner which inhibits horizontal movement. The blocks shall have a thickness of either 4 inches or 6 inches and shall be specified on the drawings.

The unit weight of the concrete used shall not be less than 125 pounds per cubic foot on an oven dried basis. Pre-cast concrete and machine made blocks shall have a compressive strength of 4,000 psi minimum. Machine made concrete blocks strength shall be determined by testing random cubes, cut from the body of the block.

The assembled cellular block system shall have voids at the ground/block interface of a minimum 16% and shall provide, when required, adequate channels between cells below the top level of the blocks for the migration of vegetation from cell to cell if called for on the Drawings. The voids may also be filled with stone as specified or as directed by the ENGINEER.

The assembled cellular concrete block system shall flex to a minimum of 3 feet radius in any two directions a minimum of 60° apart without separation of the blocks at the base. The interlock must remain securely fastened at this radius. Blocks shall interlock on all sides.

2.3. Aggregate: Shall conform to the "Crushed Aggregate and Channel Lining" technical specification.

3. CONSTRUCTION

The slope must be stable independent of the erosion system. Filled slopes must be compacted to minimum 90% proctor. Before placing the cellular concrete block system on the underlying geotextile as specified on the Drawings, the slope shall be inspected to insure that it is free from obstructions, such as tree roots, projecting stones or foreign matter, voids or soft areas should be filled with the suitable material and well compacted. Although some variation in contour will be permitted, no sudden changes in level can be accepted. The maximum difference in level between any cuts shall be one and 1-1/2 inch.

Pour a concrete header with the top edge flush with the top surface of the concrete blocks. The bottom shall extend below the concrete blocks as noted on the AML Standard Detail. After the subgrade is prepared construct a compacted base using dense grade aggregate compacted to minimum 90% proctor.

The entire perimeter of the cellular block system shall be turned and buried beneath the adjacent ground level to a depth of not less than 3 feet or as shown on the drawings.